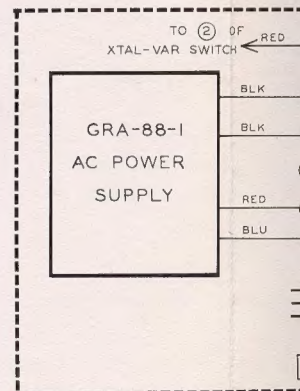
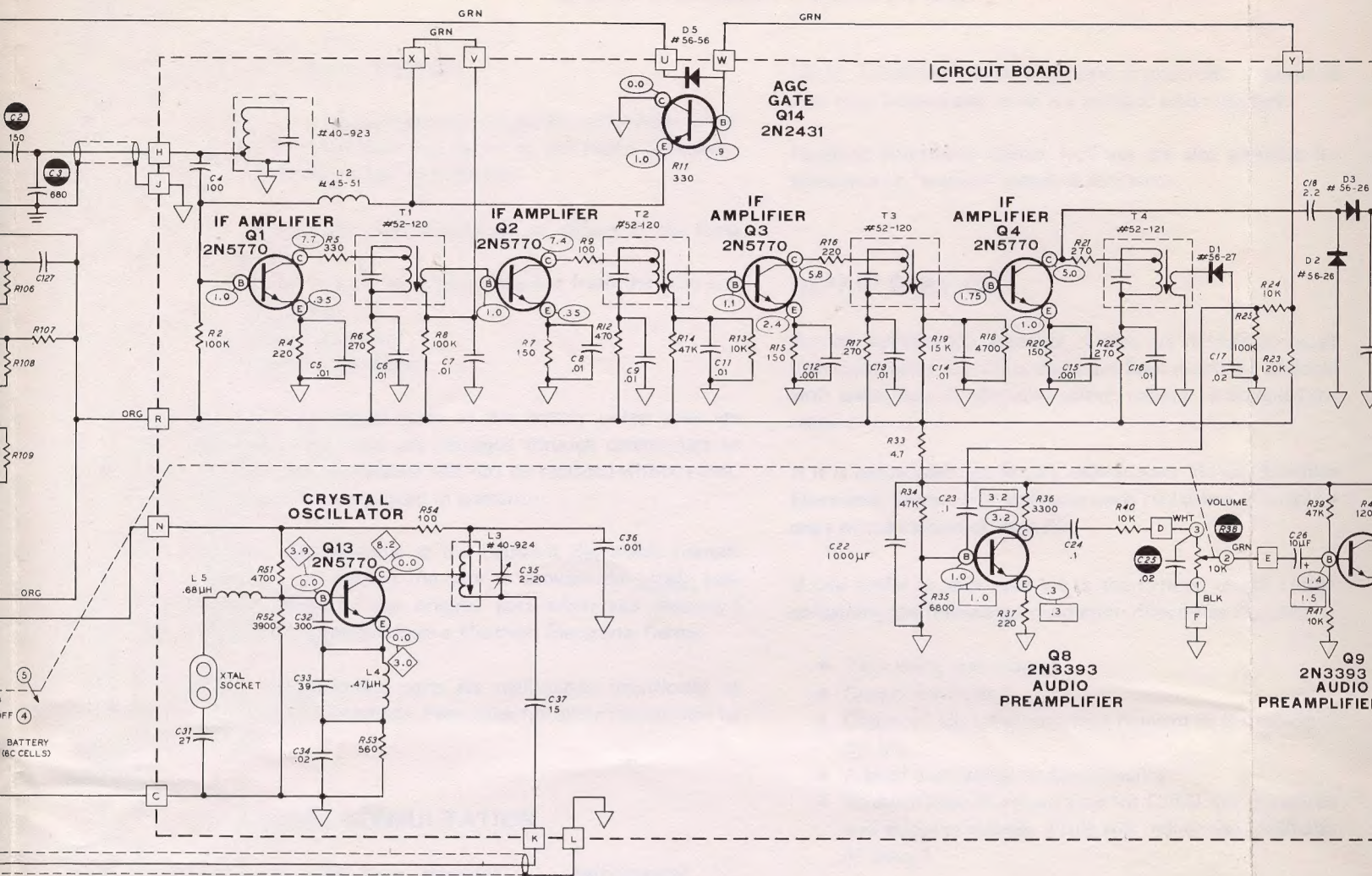


HEATH PART NO.	MANUFACTURER AND TYPE NO.	BASING (VIEWED FROM BOTTOM)
417-118	G E 2N3393	BASE COLLECTOR EMITTER
417-121	AMPEREX 2N2430	EMITTER BASE COLLECTOR
417-122	AMPEREX 2N2431	EMITTER BASE COLLECTOR
417-293	FAIRCHILD 2N5770	EMITTER BASE COLLECTOR
417-201	G E X29A829	BASE COLLECTOR EMITTER
417-169	MOTOROLA MPF 105	GATE SOURCE DRAIN





NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS; K=1000.
2. ALL RESISTORS ARE 1/2 WATT.
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN μF . VALUES OF 1 AND ABOVE ARE IN pF UNLESS MARKED OTHERWISE.
4. DC VOLTAGE MEASUREMENTS ARE TAKEN WITH A HIGH IMPEDANCE VOLTMMETER FROM THE POINT INDICATED TO CHASSIS GROUND WITH FRESH BATTERIES IN THE RECEIVER. VOLTAGES CAN VARY $\pm 20\%$.

○ THIS SYMBOL INDICATES A MEASUREMENT TAKEN WITH THE SQUELCH CONTROL FULLY COUNTERCLOCKWISE.

□ THIS SYMBOL INDICATES A MEASUREMENT TAKEN WITH SQUELCH CONTROL AT THE THRESHOLD (SEE SQUELCH IN FIG. 1).

◇ THIS SYMBOL INDICATES A MEASUREMENT TAKEN UNDER THE FOLLOWING CONDITIONS:

WITH OSC SWITCH IN THE XTAL POSITION
A CRYSTAL IN THE CRYSTAL SOCKET,
AND NO SIGNAL INPUT.

5. SELECTOR SWITCH IS SHOWN IN VARIABLE

6. ▽ INDICATES CIRCUIT BOARD GROUND.

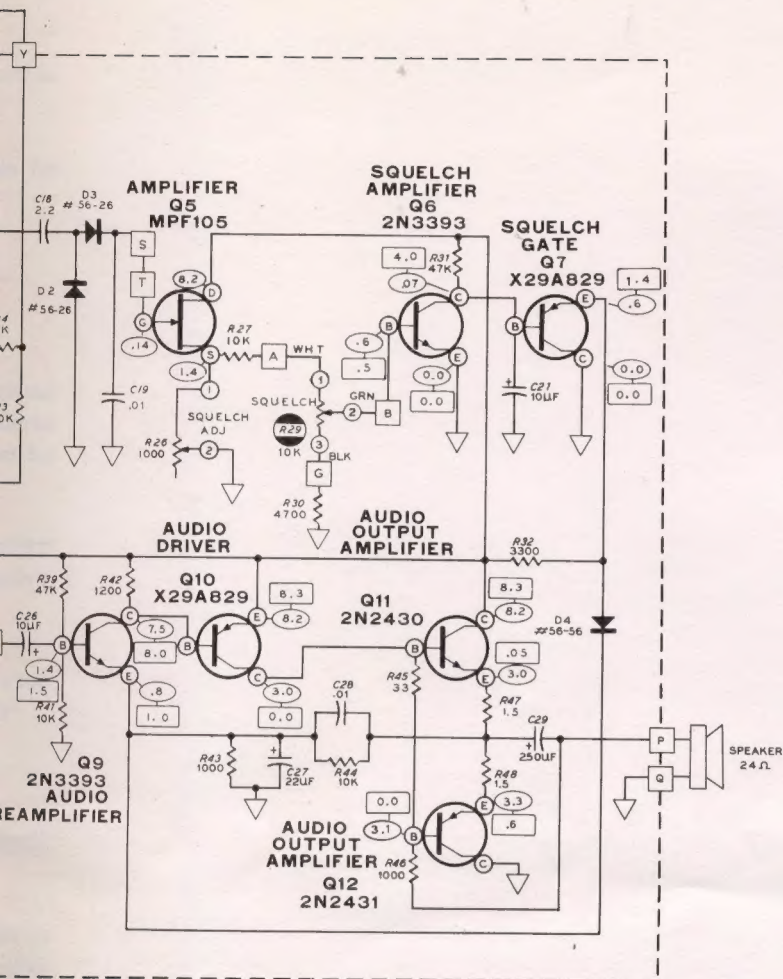
7. ≡ INDICATES CHASSIS GROUND.

8. ○ INDICATES TUNER CONNECTION.

9. □ INDICATES CIRCUIT BOARD CONNECTION.

10. ● INDICATES PARTS MOUNTED ON THE CHASSIS.

11. RESISTORS AND CAPACITORS ARE IN THE FOLLOWING RANGES:
1-99 CHASSIS AND CIRCUIT BOARD
100-199 AM TUNER PARTS.



SCHEMATIC OF THE HEATHKIT®

VHF AIRCRAFT MONITOR RECEIVER MODEL GR-98

IN VARIABLE POSITION.

GROUND.

ND.

ION.

CONNECTION.

ON THE CHASSIS.

RE IN THE FOLLOWING GROUPS:
S AND CIRCUIT BOARD PARTS.
R PARTS.